

FIG. 1

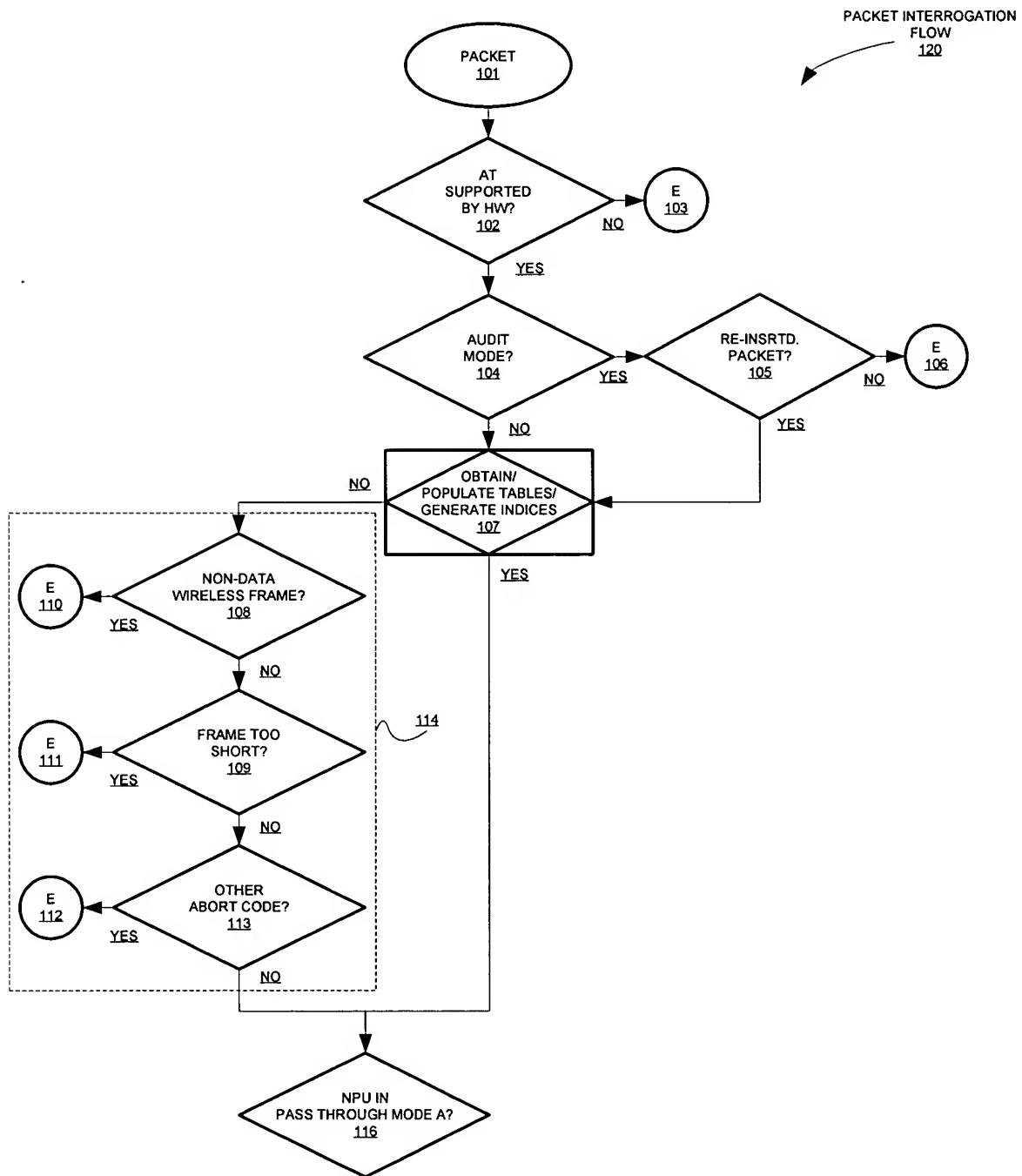


FIG. 2A-1

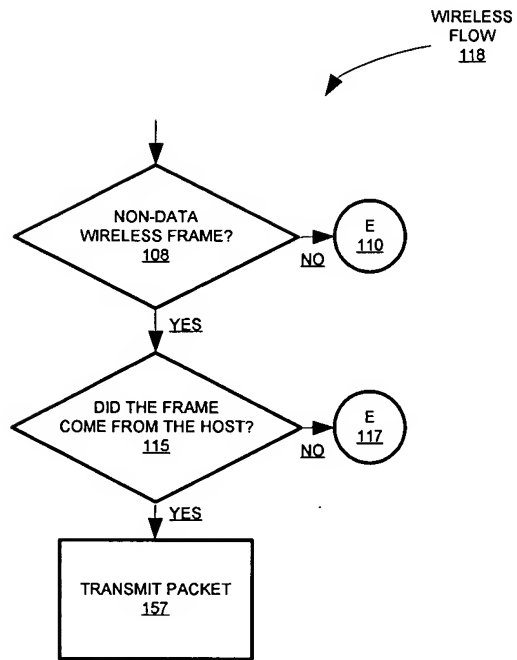


FIG. 2A-2

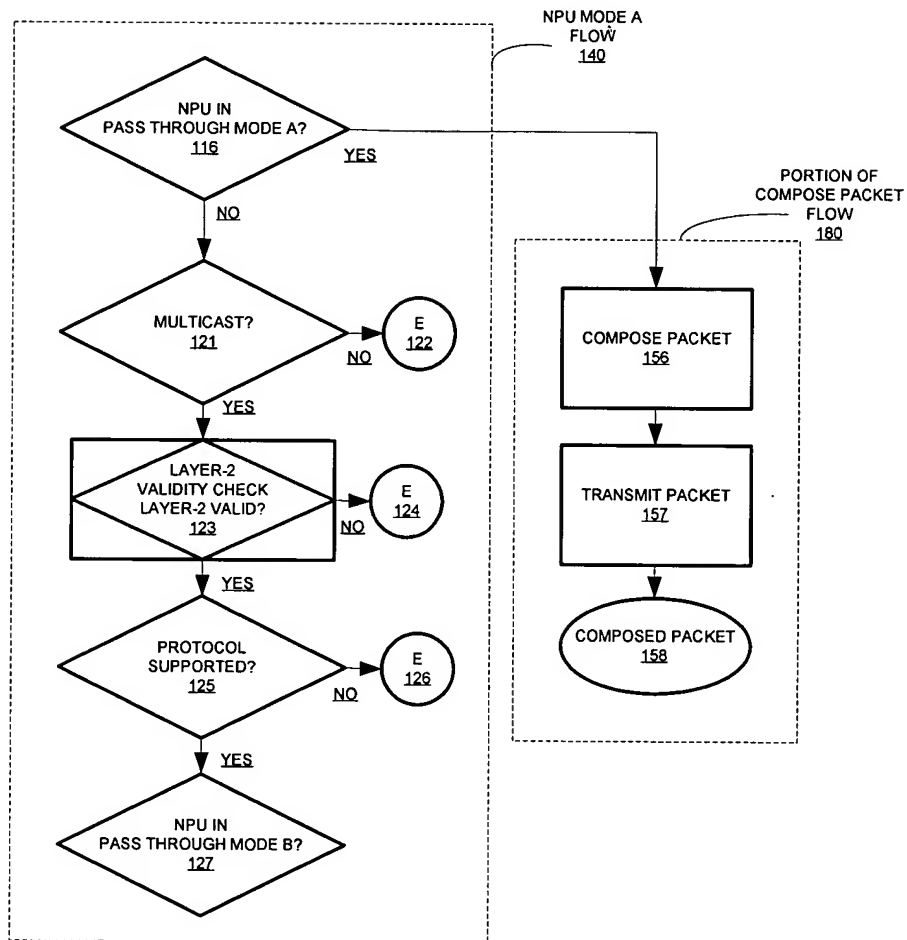


FIG. 2B-1

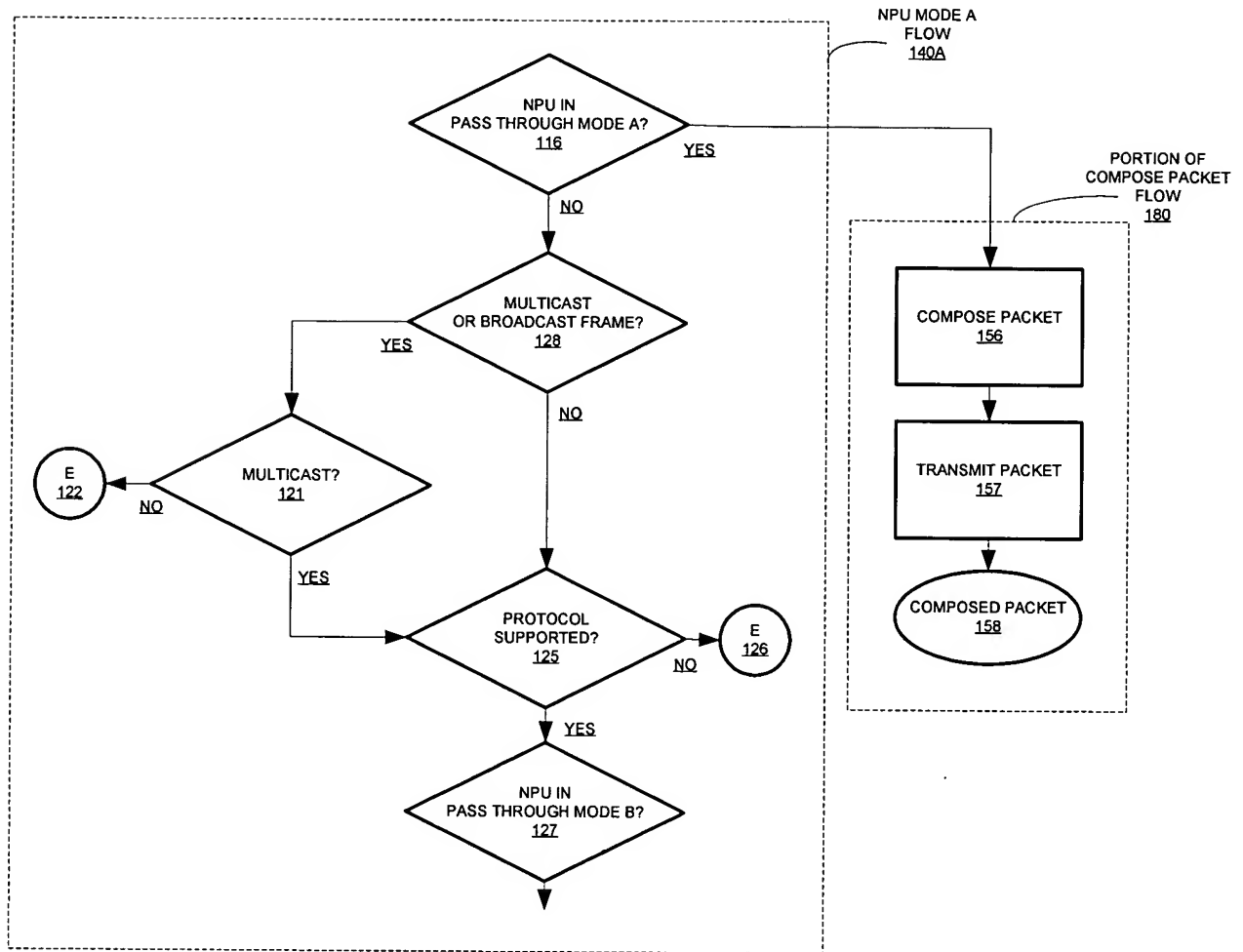


FIG. 2B-2

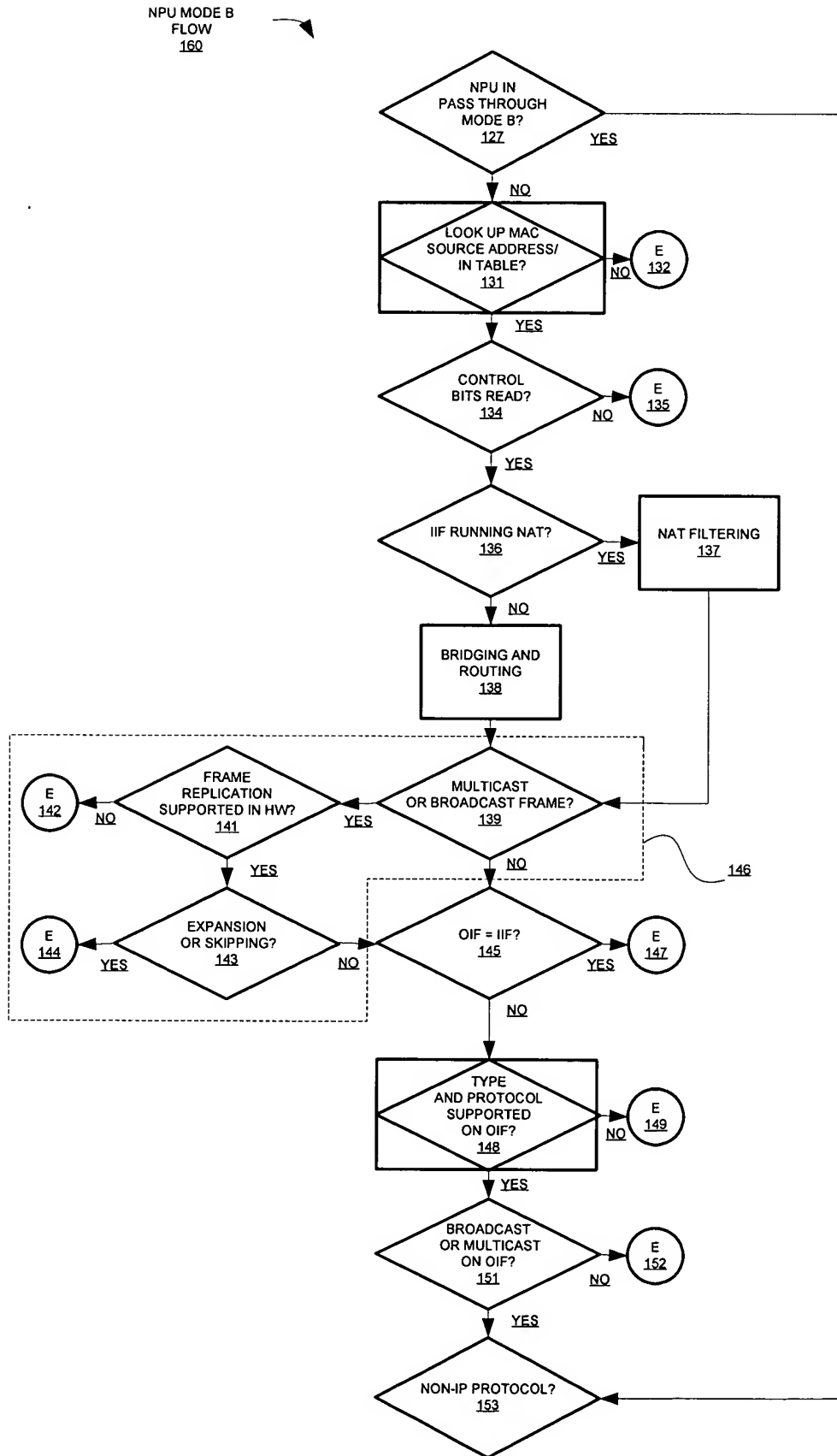


FIG. 2C

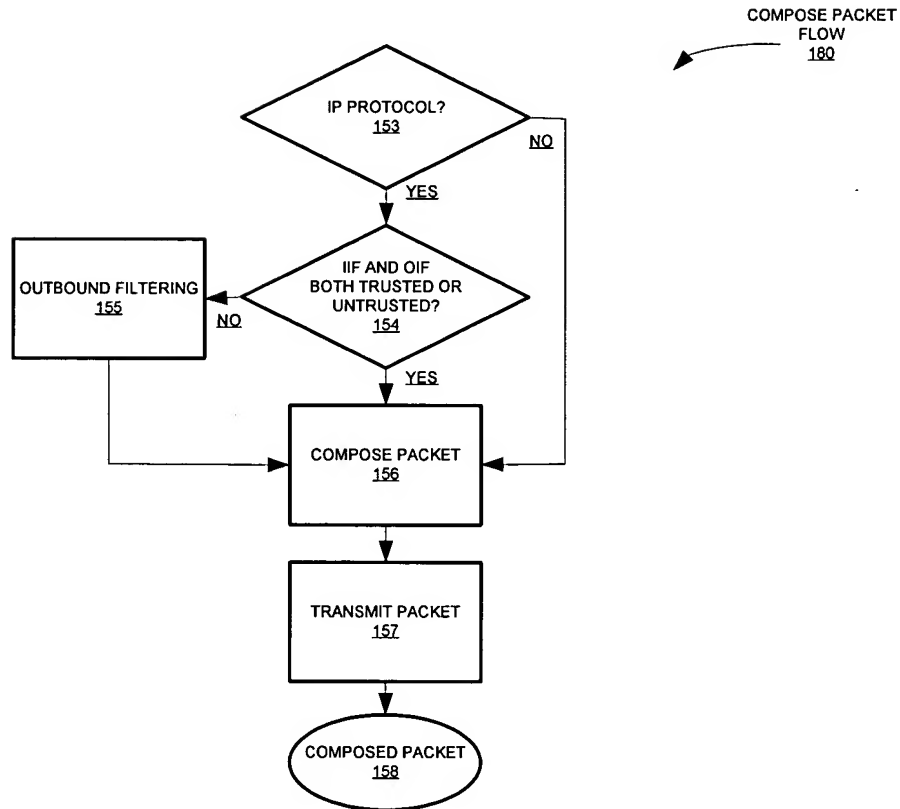


FIG. 2D-1

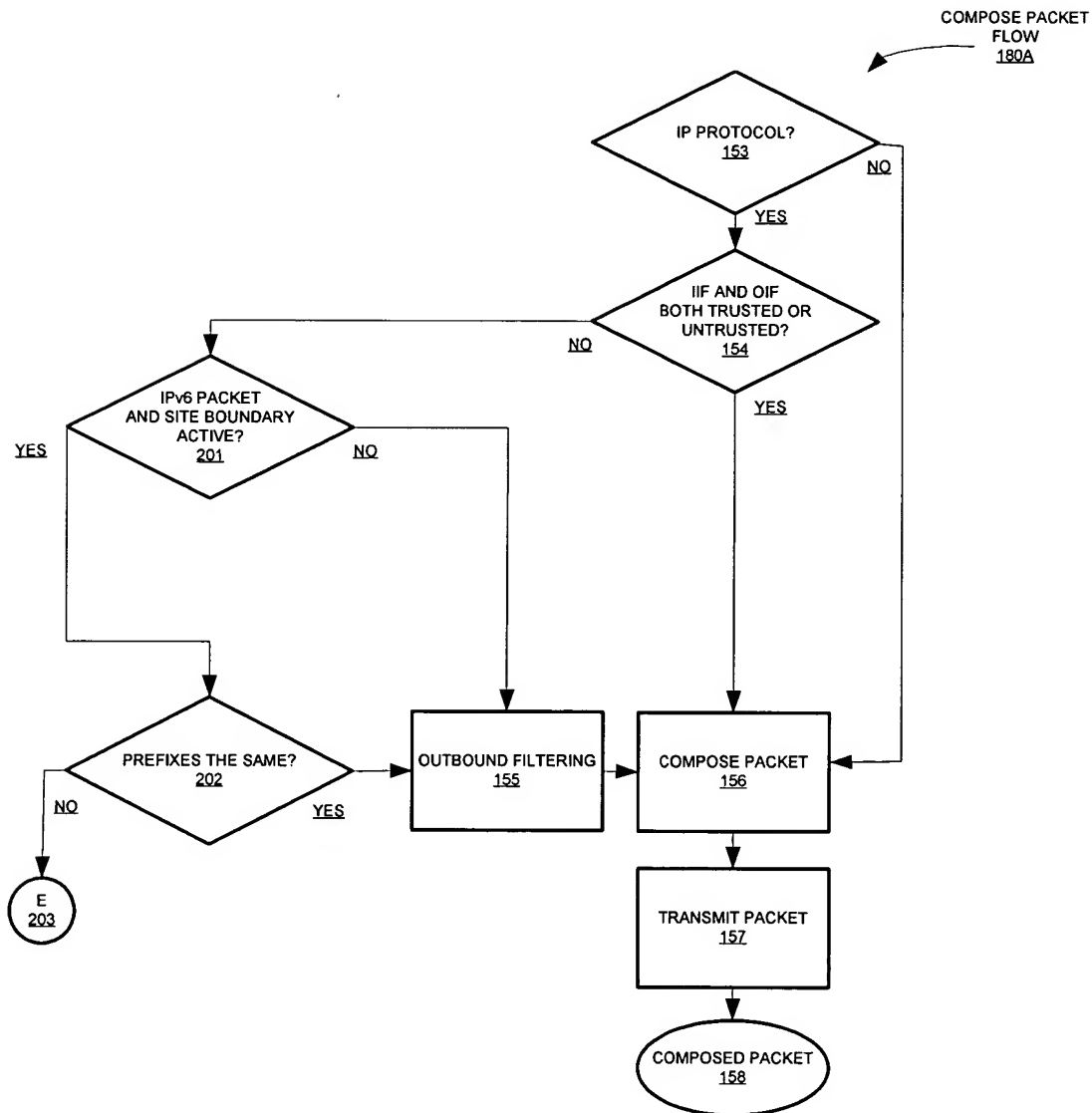


FIG. 2D-2

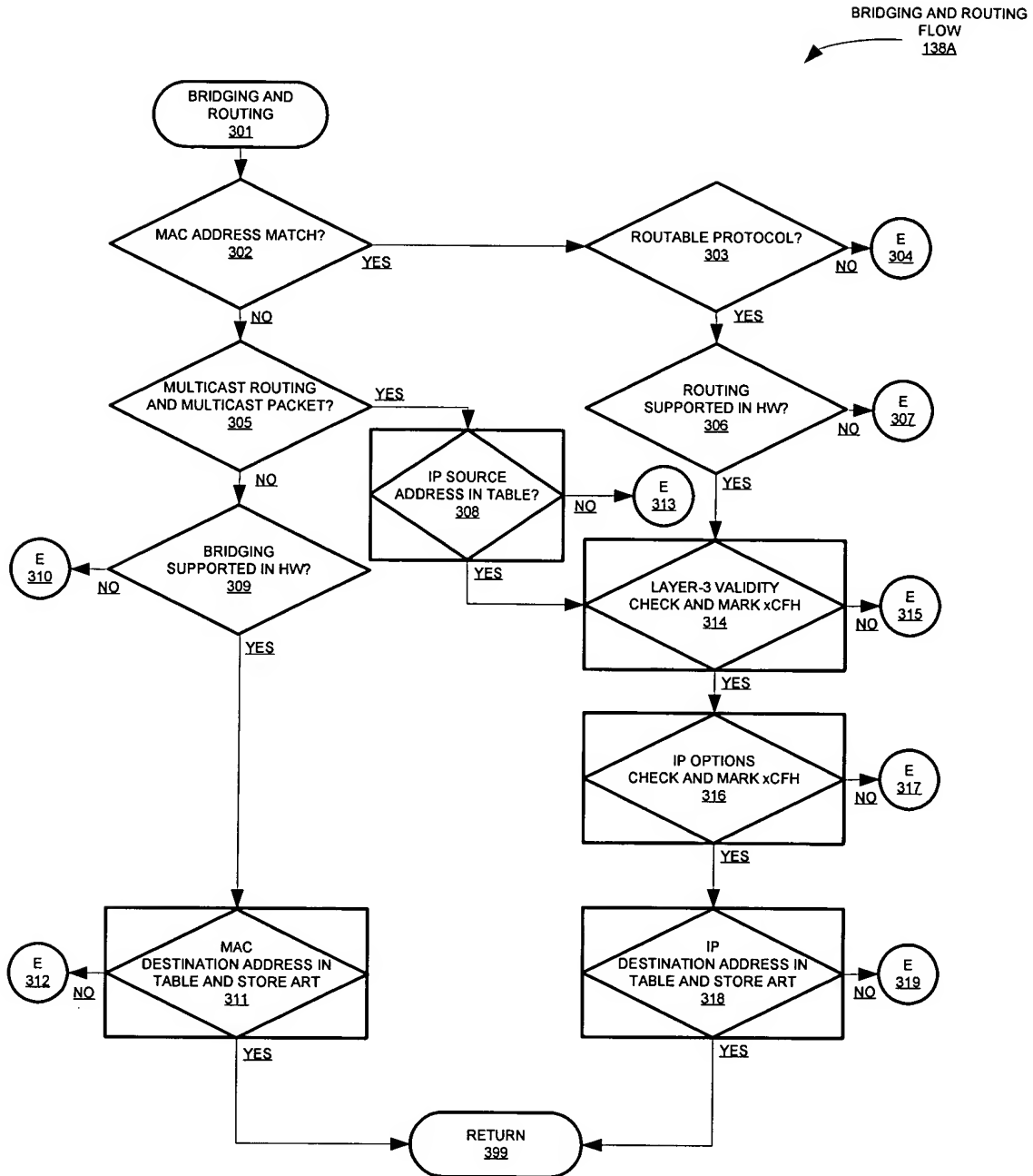


FIG. 3A

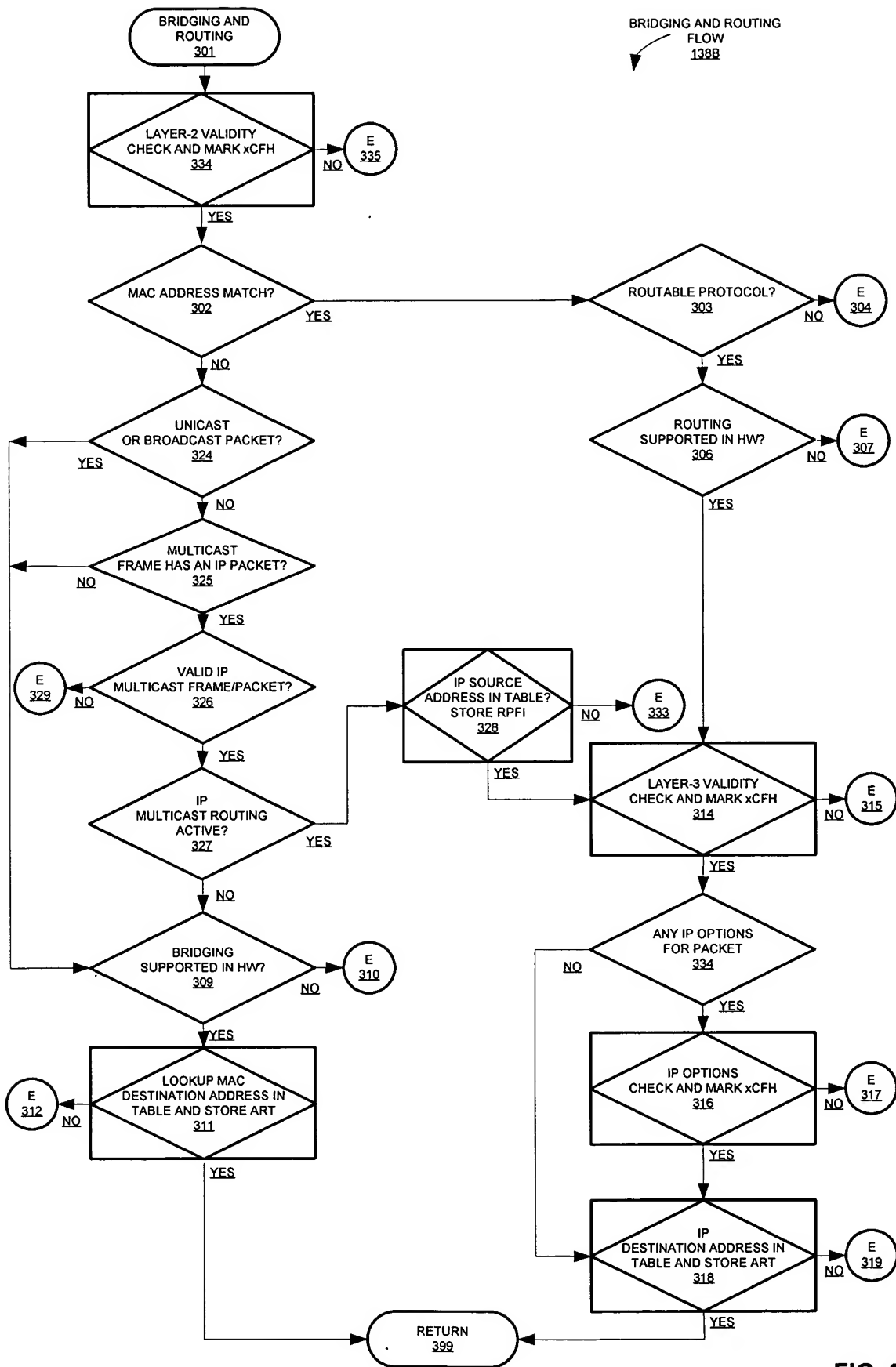


FIG. 3B

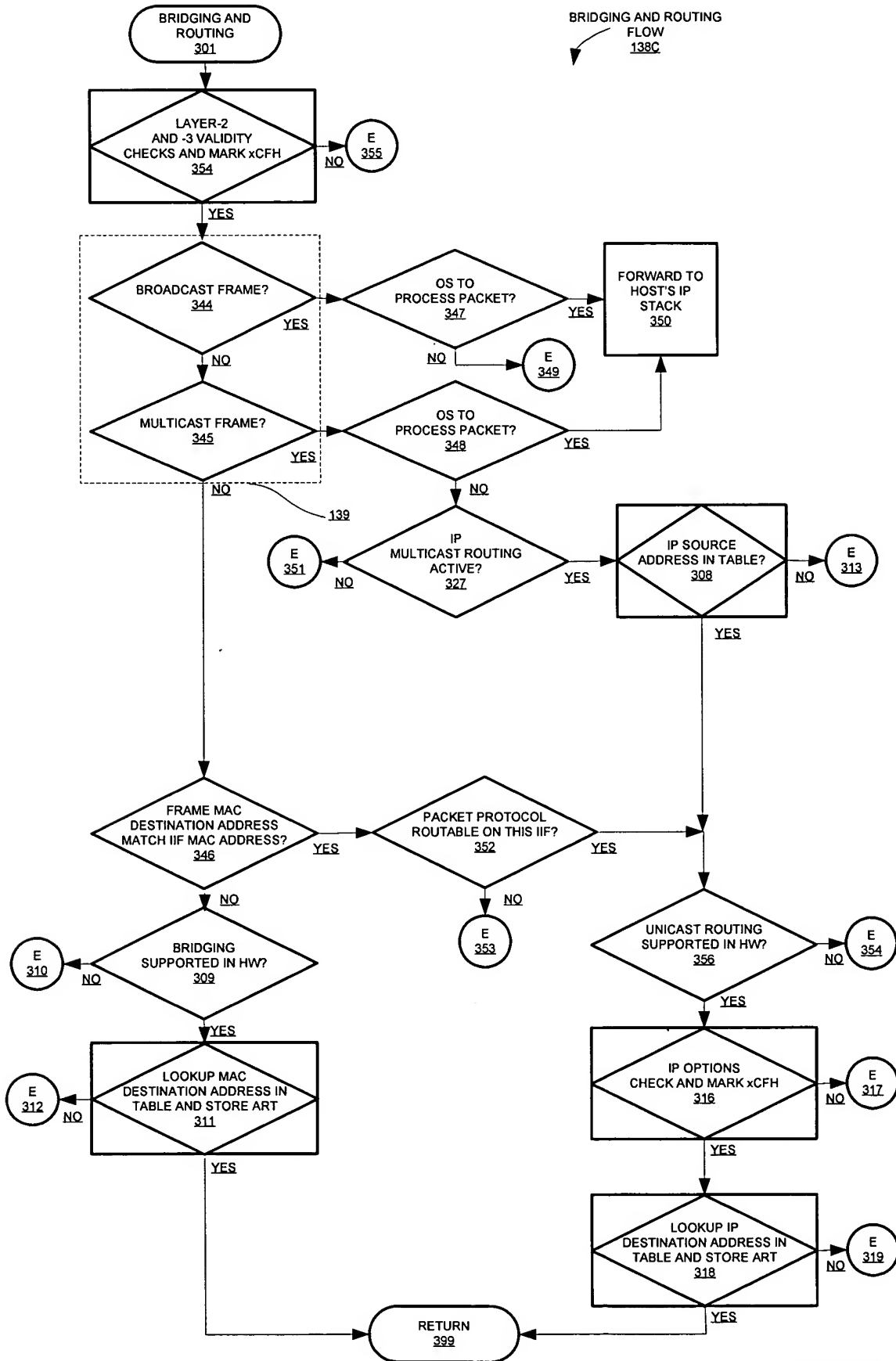


FIG. 3C

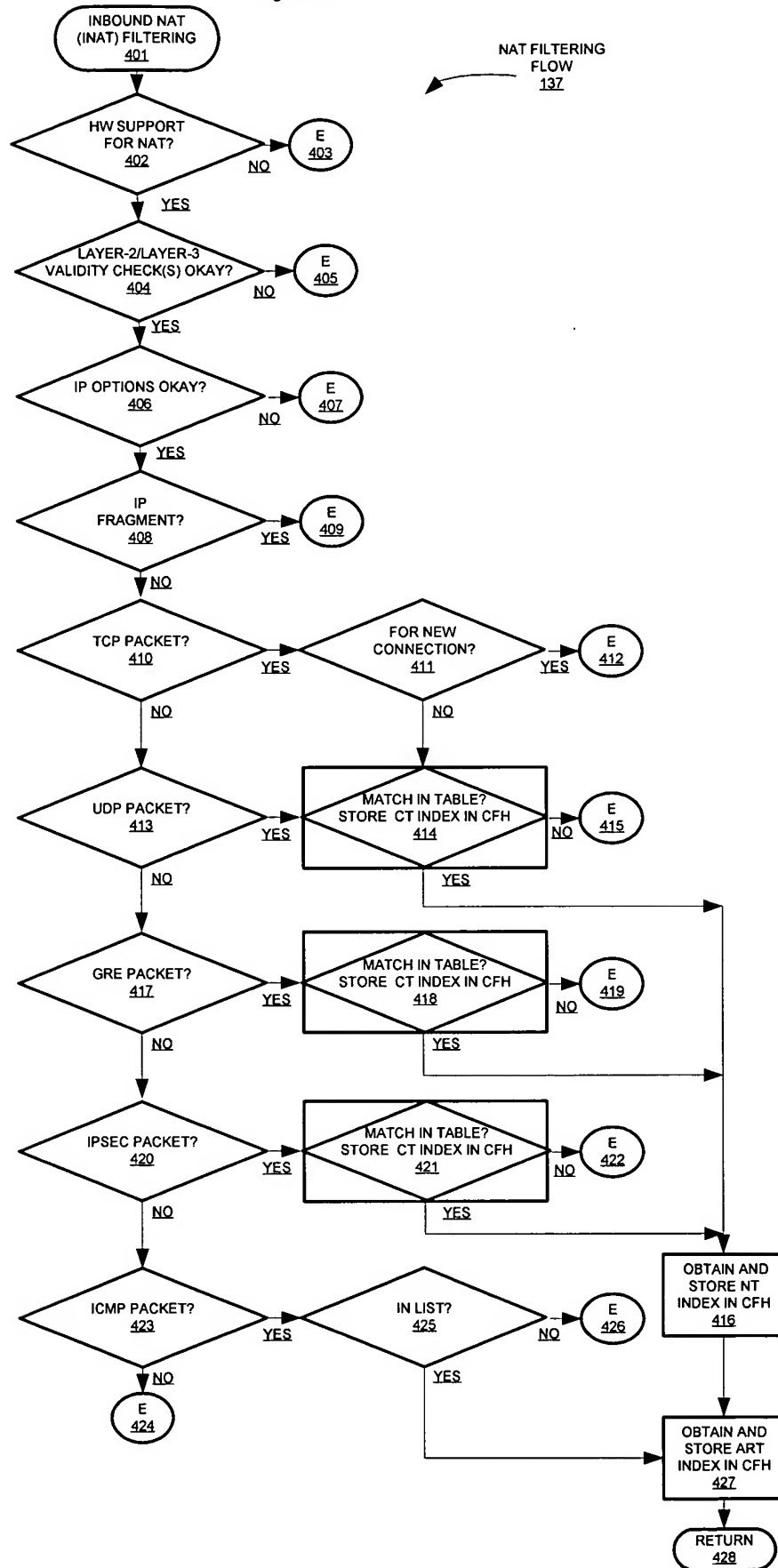


FIG. 4A

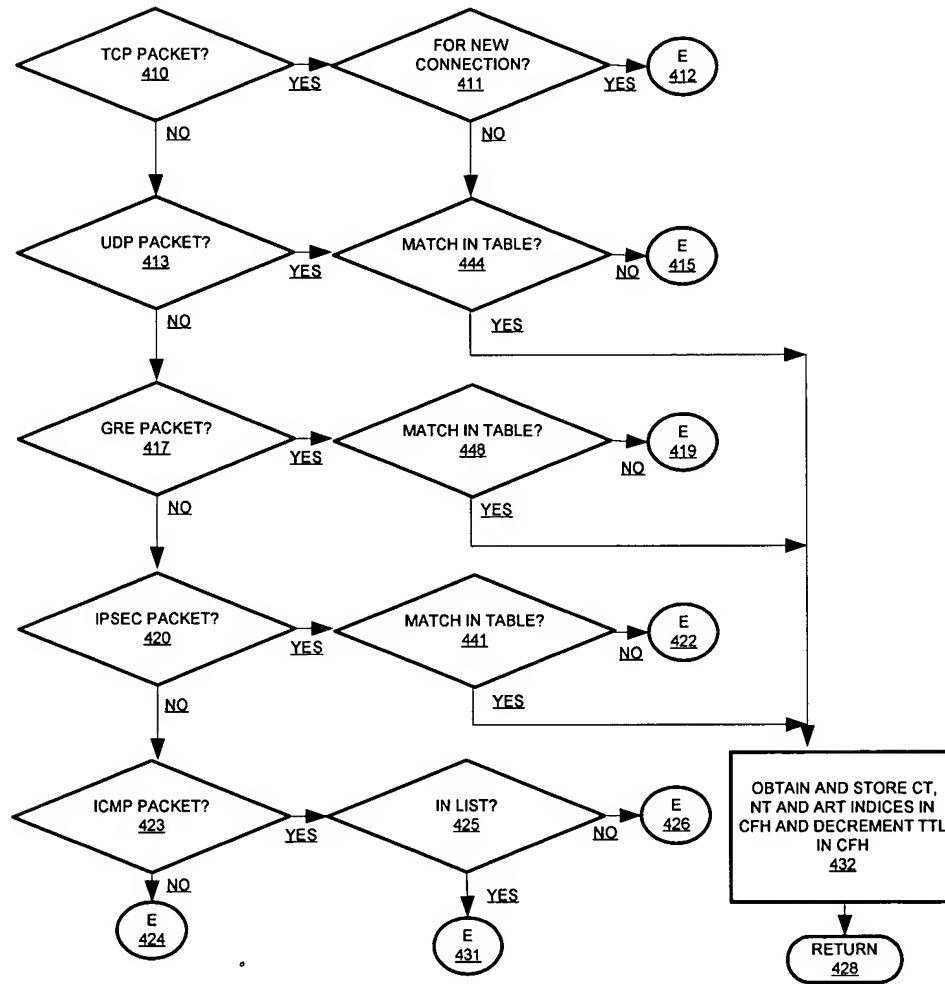


FIG. 4B

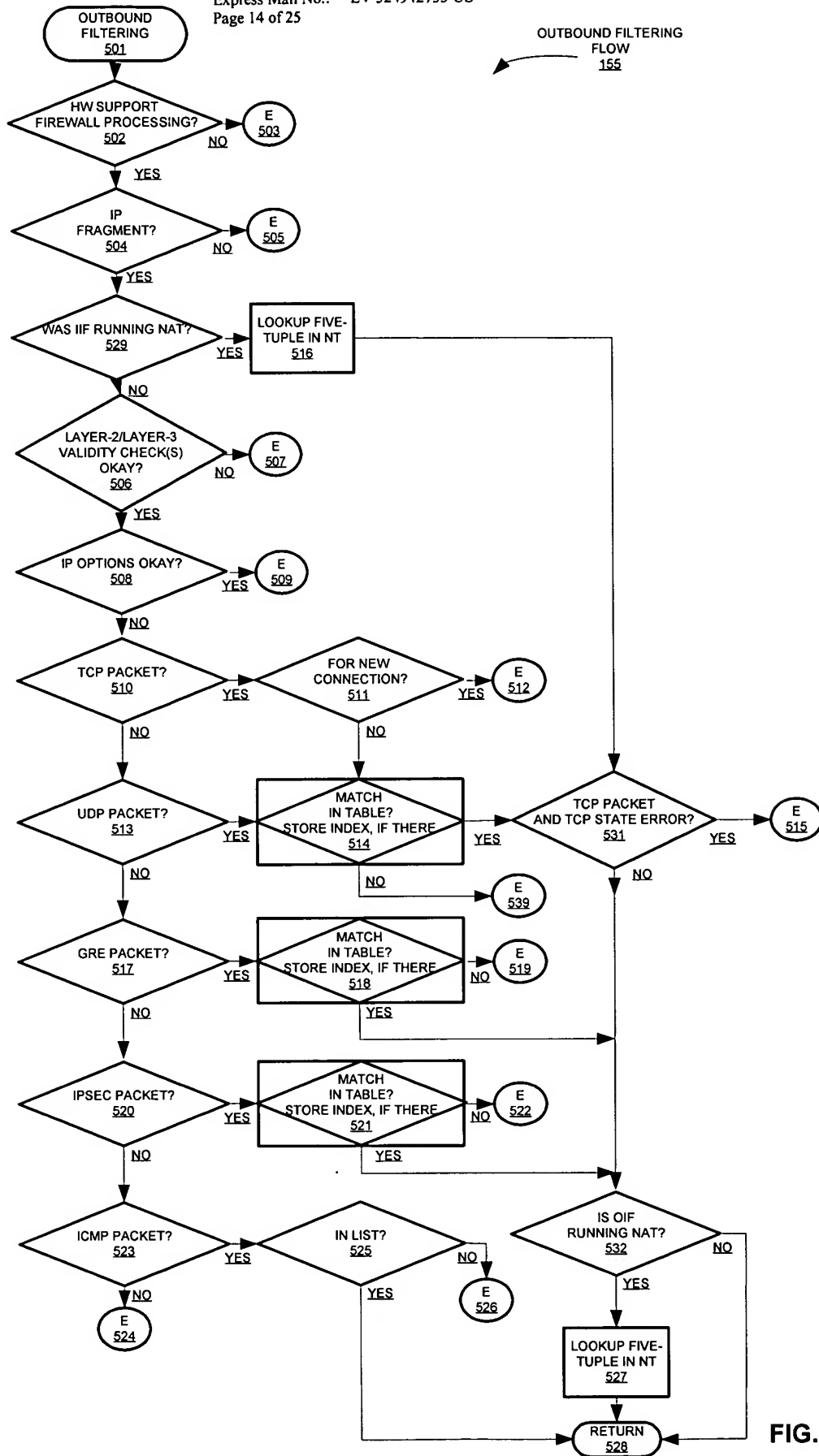


FIG. 5A

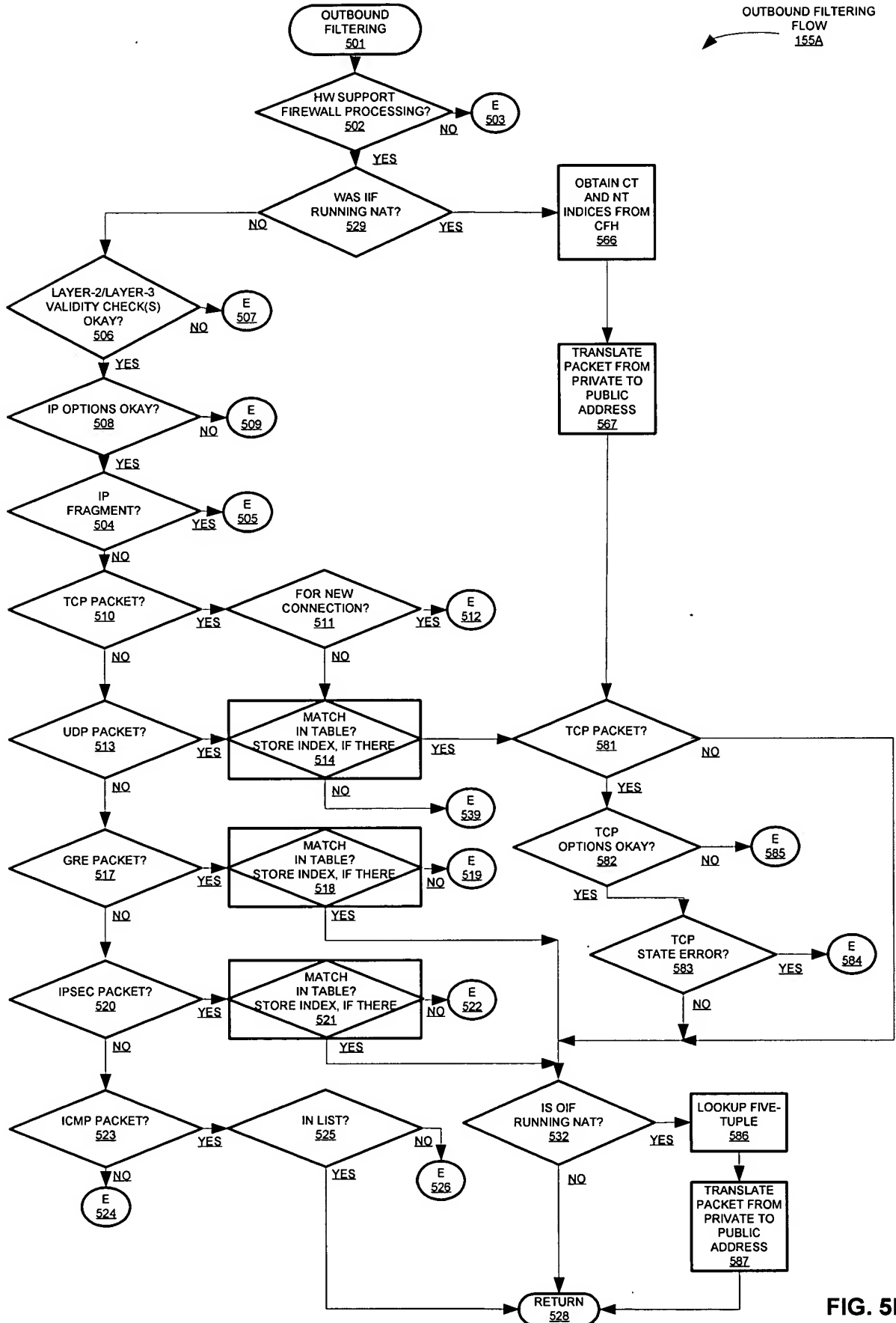


FIG. 5B

CT
600

ART INDEX 601	REMOTE IP ADDR 602	SPI/CALL ID 603	LOCAL IP ADDR 604	REMOTE PORT 605	NT INDEX 606	LOCAL PORT 607	IP PROTOCOL 608	TCP STATE 609	SEQ. NO. 610
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FIG. 6

NT
700

ART INDEX 601	REMOTE IP ADDR 602	SPI/CALL ID 603	PUBLIC IP ADDR 704	REMOTE PORT 605	CT INDEX 706	PUBLIC PORT 707	IP PROTOCOL 608
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FIG. 7

ART
800

ART INDEX 601	MAC ADDR 801	VIRTUAL LAN ID 802	INTERFACE MASK 803
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FIG. 8

RT
900

IP DESTINATION ADDR 901	IP SOURCE ADDR 902	ART INDEX 601
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FIG. 9A

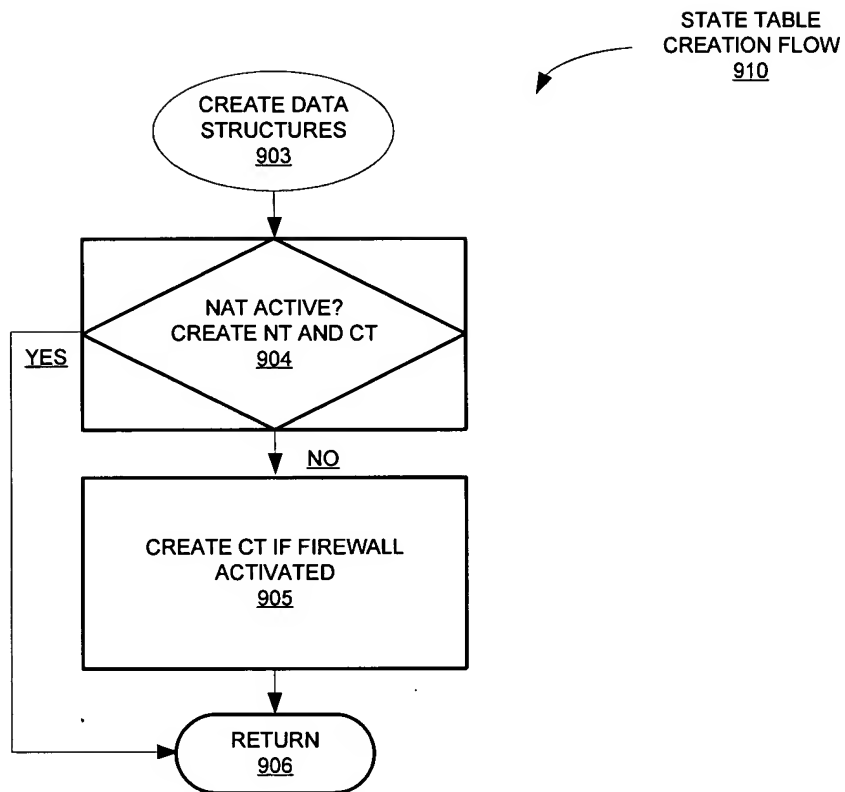


FIG. 9B

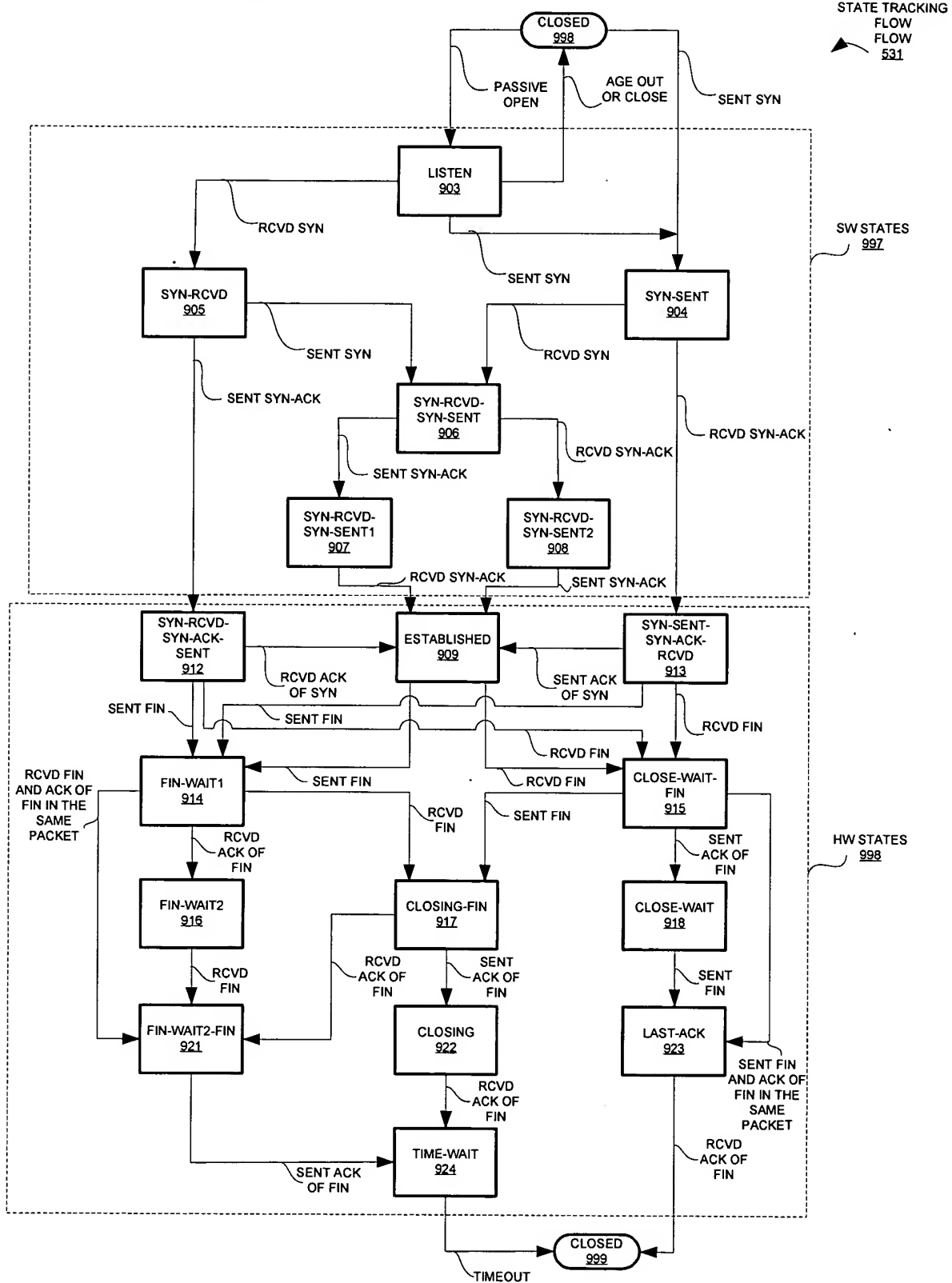


FIG. 10

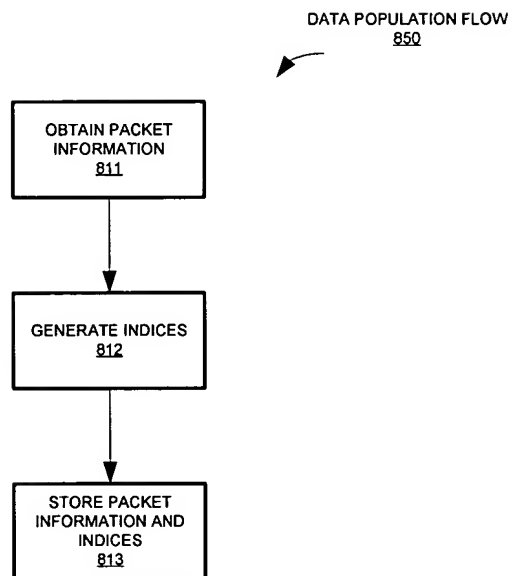


FIG. 11

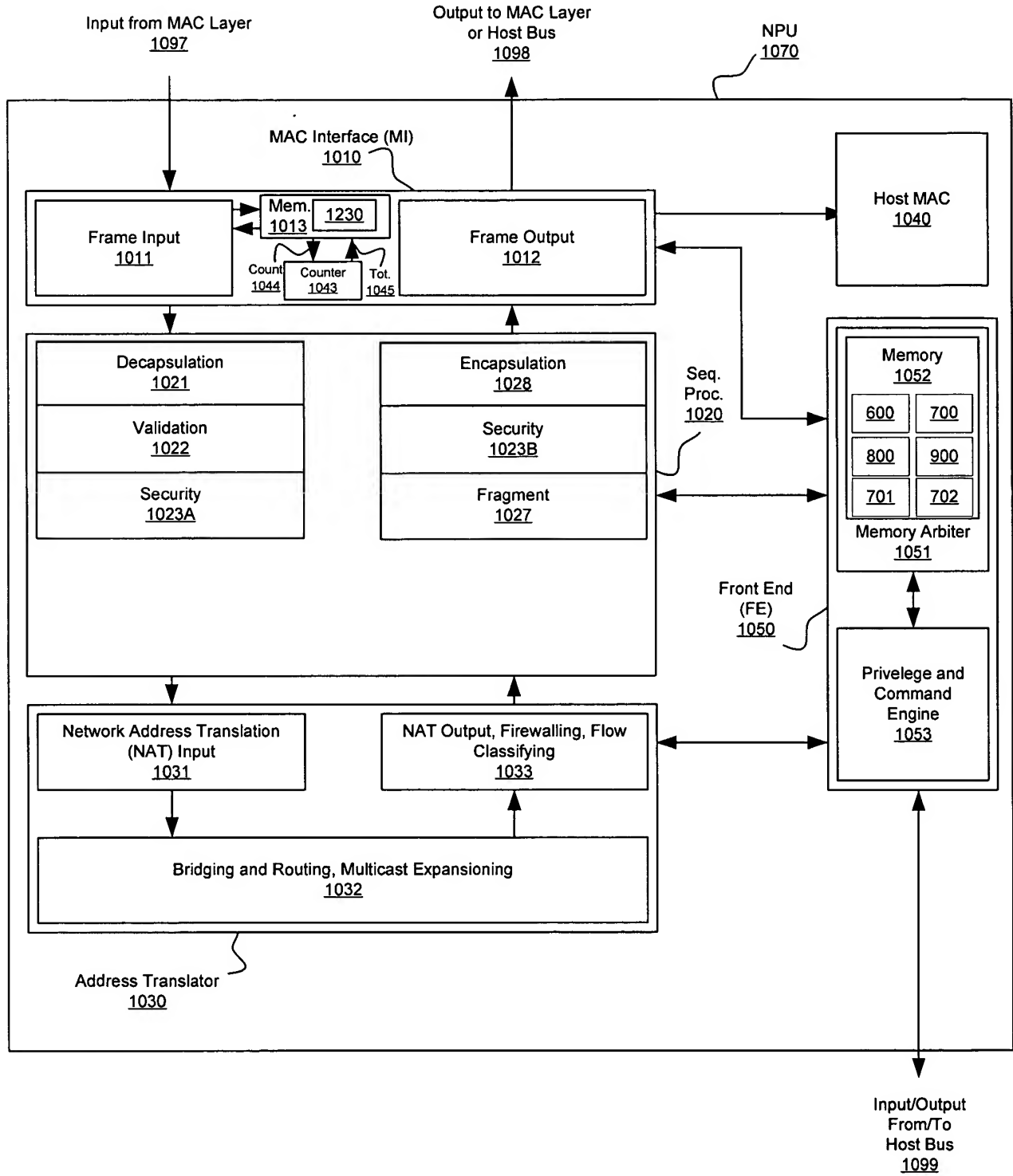


FIG. 12A

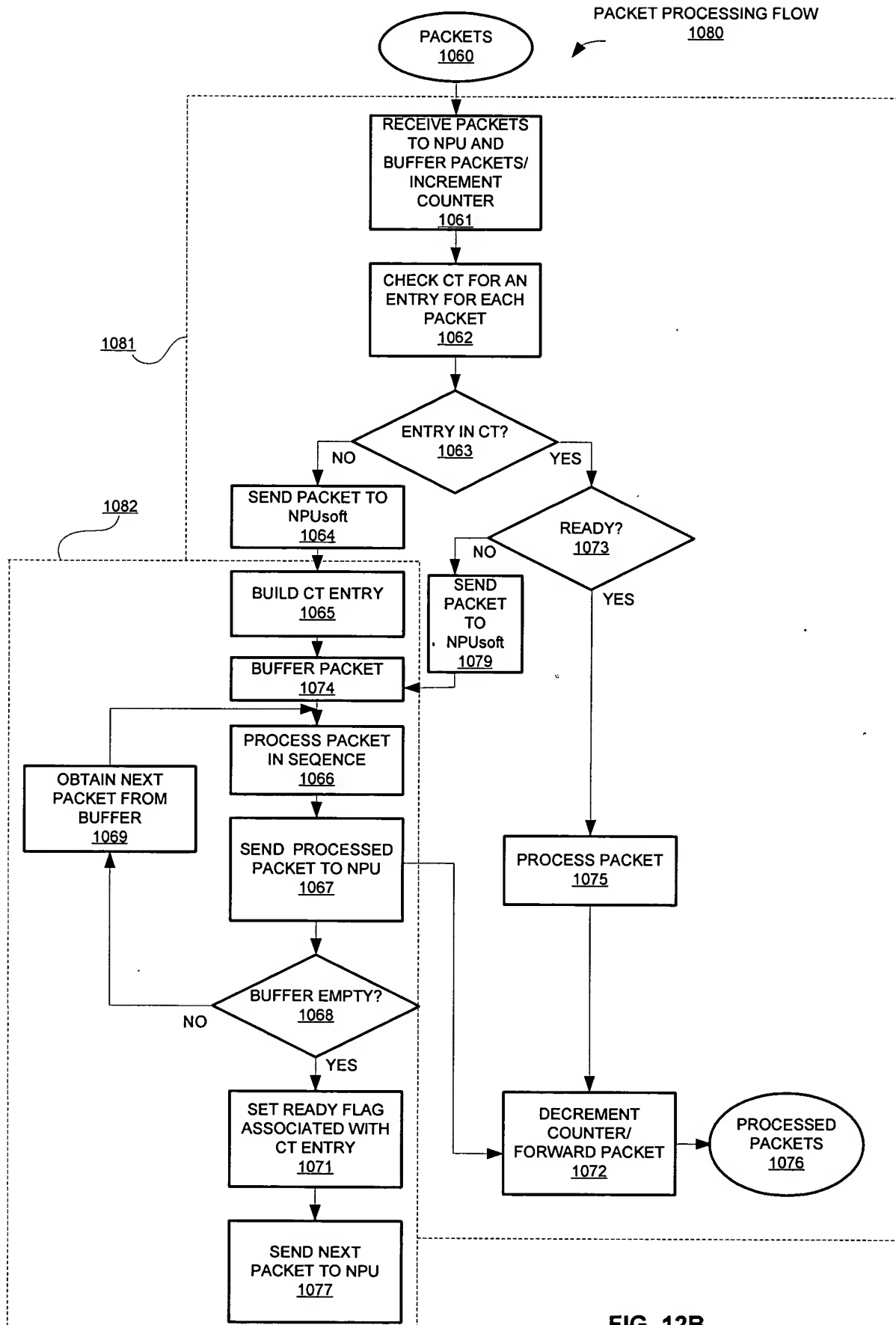


FIG. 12B

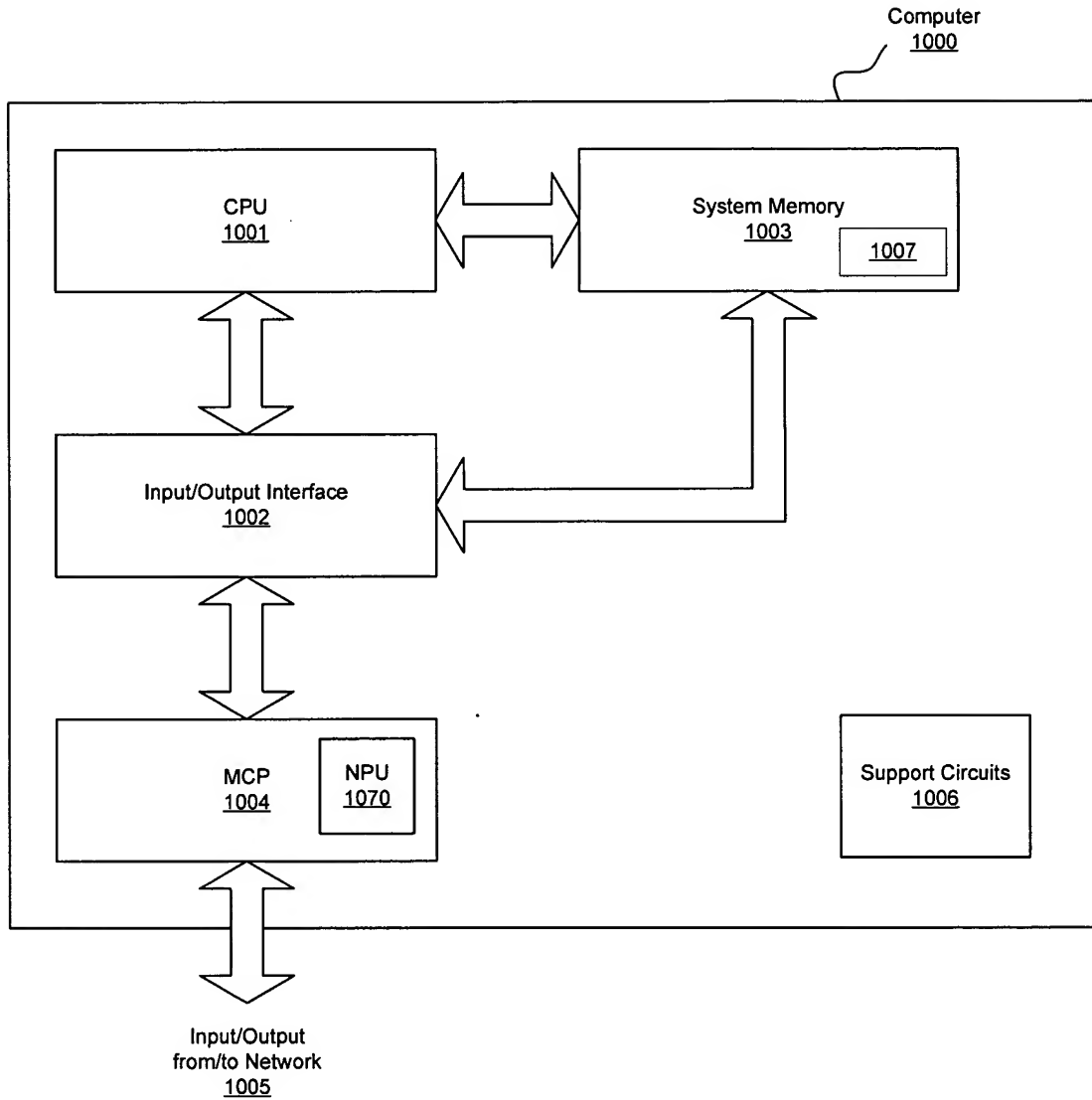


FIG. 13

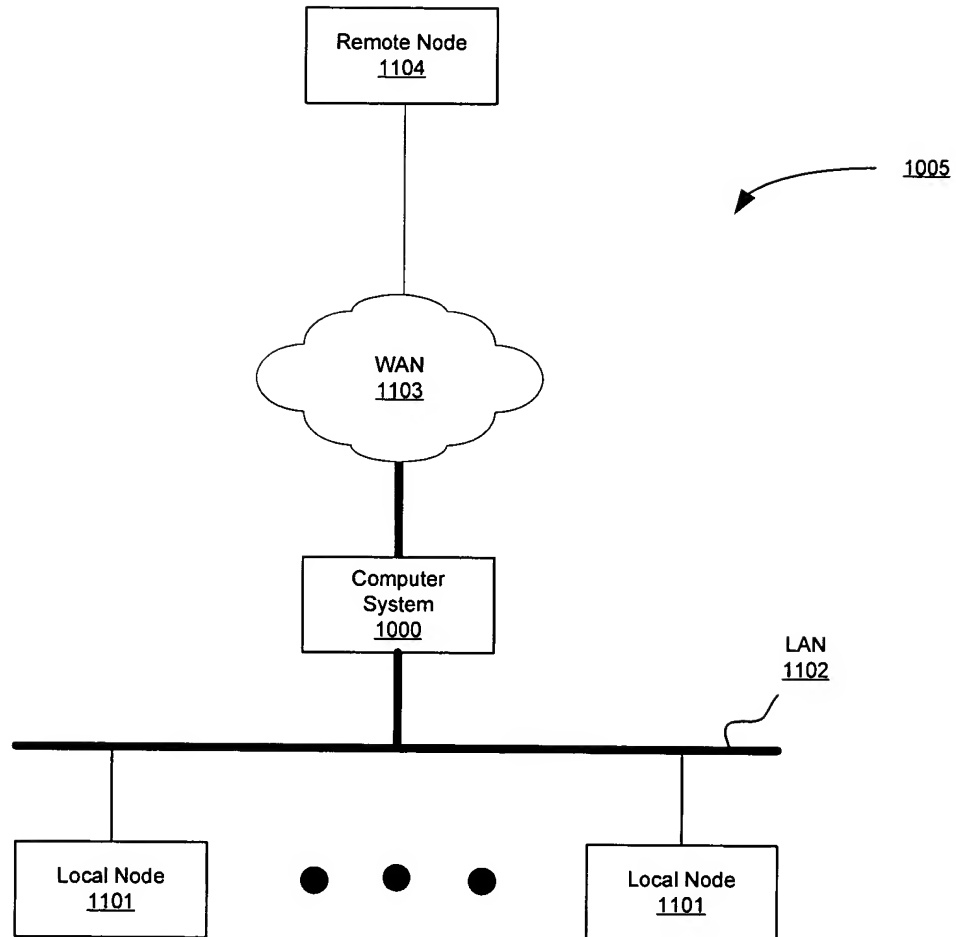


FIG. 14

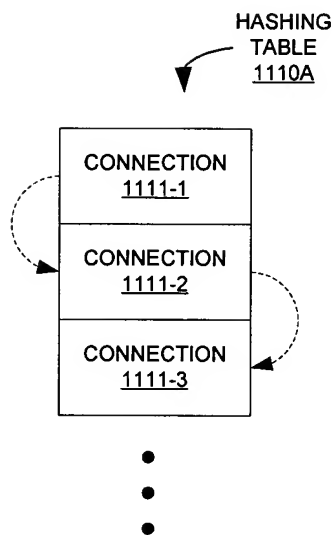


FIG. 15A

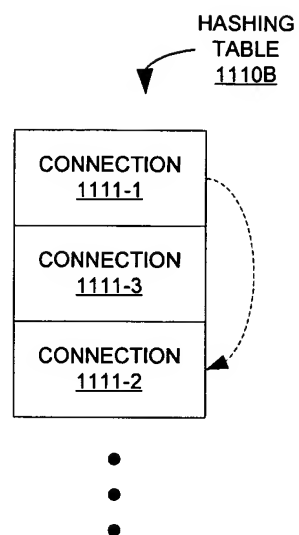
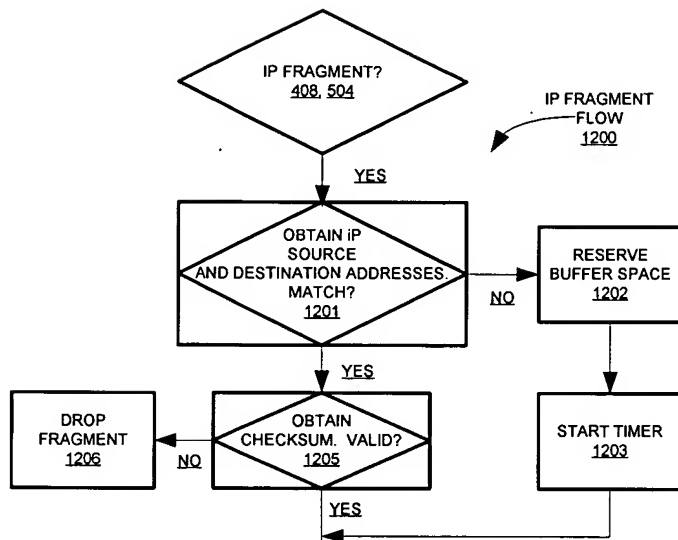


FIG. 15B



BUFFER
FRAGMENT
1204

OBTAIN PACKET AND
FRAGMENT IDENTIFIERS
1207

SORT (OVERWRITE)
1208

COMMUNICATION
LENGTH EXCEEDED?
1215

ANY
FRAGMENTS MISSING?
1209

WAIT A SET
TIME INTERVAL
1214

TIMED OUT?
1212

REASSEMBLY AS A
SINGLE PACKET
1210

PROVIDE TO PACKET
INTERROGATION
FLOW AS PACKET
INPUT
1211

CLEAR BUFFER
1213

BUFFER
STACK
1230

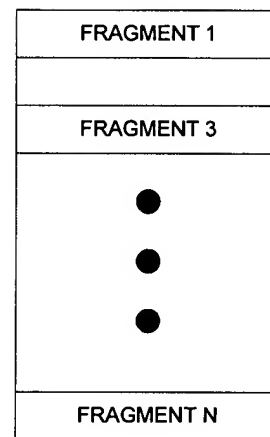


FIG. 17

FIG. 16